APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2011	Ford, M. J., M. B. Hanson, J. Hempelmann, K. L. Ayres, C. K. Emmons, G. S. Schorr, R. W. Baird, K. C. Balcomb, S. K. Wasser, K. M. Parsons, K. Balcomb-Bartok. 2011. Inferred Paternity and Male Reproductive Success in a Killer Whale (Orcinus orca) Population. Journal of Heredity 102(5): 537-553.
2011	Ainsworth, C., J.F. Samhouri, D.S. Busch, W.L. Cheung, J.P. Dunne, T.A. Okey. 2011. Potential impacts of climate change on Northeast Pacific marine food webs and fisheries. ICES Journal of Marine Science 68: 1217-1229.
2011	Anderson, E. M., Esler, D., Boyd, W. S., Evenson, J. R., Nysewander, D. R., Ward, D. H., ... & Hupp, J. W. (2011). Predation rates, timing, and predator composition for scoters (Melanitta spp.) in marine habitats. *Canadian Journal of Zoology* , *90* (1), 42-50.
2011	Antonelis, K., Huppert, D., Velasquez, D., & June, J. (2011). Dungeness crab mortality due to lost traps and a cost–benefit analysis of trap removal in Washington State waters of the Salish Sea. *North American Journal of Fisheries Management* , *31* (5), 880-893.
2011	Bachelet, D., Johnson, B. R., Bridgham, S. D., Dunn, P. V., Anderson, H. E., & Rogers, B. M. (2011). Climate change impacts on western Pacific Northwest prairies and savannas. *Northwest Science* , *85* (2), 411-429.
2011	Baldwin, D. H., C. P. Tatara, N. L. Scholz. 2011. Copper-induced olafactory toxicity in salmon and steelhead: extrapolation across species and rearing environments. Aquatic Toxicology, 101(1):295-297.
2011	Beaudreau, A. H., Levin, P. S., & Norman, K. C. (2011). Using folk taxonomies to understand stakeholder perceptions for species conservation. *Conservation Letters* , *4* (6), 451-463.
2011	Beaudreau, A. H., P. S. Levin, K. C. Norman. 2011. Using folk taxonomies to understand stakeholder perceptions for species conservation. Conservation Letters, 4:451-463.
2011	Chamberlin, J. W., Essington, T. E., Ferguson, J. W., & Quinn, T. P. (2011). The influence of hatchery rearing practices on salmon migratory behavior: is the tendency of Chinook Salmon to remain within Puget Sound affected by size and date of release?. *Transactions of the American Fisheries Society* , *140* (5), 1398-1408.
2011	Chamberlin, J. W., Kagley, A. N., Fresh, K. L., & Quinn, T. P. (2011). Movements of yearling Chinook salmon during the first summer in marine waters of Hood Canal, Washington. *Transactions of the American Fisheries Society* , *140* (2), 429-439.
2011	Chamberlin, J., A. N. Kagley, K. L. Fresh, T. P. Quinn. 2011. Movements of yearling Chinook salmon during the first summer in marine waters of Hood Canal, Washington. Transactions of the American Fisheries Society, 140(2):429-439.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2011	Chamberlin, J., T. E. Essington, J. W. Ferguson, T. P. Quinn. 2011. The influence of hatchery rearing strategies on salmon migratory behavior: Is the tendency for Chinook salmon to remain within Puget Sund affected by size and date of release? Transactions of the American Fisheries Society, 140(5):1398-1408.
2011	Chan, K. Y. K., D. Grunbaum, and M. J. O'Donnell. 2011. Effects of ocean-acidification-induced morphological changes on larval swimming and feeding. Journal of Experimental Biology 214:3857-3867.
2011	Copping, A., & Geerlofs, S. (2011, November). The Contribution of Environmental Siting and Permitting Requirements to the Cost of Energy for Marine and Hydrokinetic Devices. In *European wave and tidal energy conference European wave and tidal Conference, Southampton, United Kingdom* .
2011	Diefenderfer, H. L., R. M. Thom, G. E. Johnson, J. R. Skalski, K. A. Vogt, B. D. Ebberts, G. C. Roegner, E. M. Dawley. 2011. A levels-of-evidence approach for assessing cumulative ecosystem response to estuary and river restoration programs. Ecological Restoration, 29:111-132.
2011	Duffy, E. J., & Beauchamp, D. A. (2011). Rapid growth in the early marine period improves the marine survival of Chinook salmon (Oncorhynchus tshawytscha) in Puget Sound, Washington. *Canadian Journal of Fisheries and Aquatic Sciences* , *68* (2), 232-240.
2011	Dunwiddie, P. W., & Bakker, J. D. (2011). The future of restoration and management of prairie-oak ecosystems in the Pacific Northwest. *Northwest Science* , *85* (2), 83-92.
2011	Fazzino, L., Elizabeth Kirkpatrick, H., & Fimbel, C. (2011). Comparison of hand-pollinated and naturally-pollinated Puget balsamroot (Balsamorhiza deltoidea Nutt.) to determine pollinator limitations on south Puget Sound lowland prairies. *Northwest Science* , *85* (2), 352-360.
2011	Feist BE, Buhle ER, Arnold P, Davis JW, Scholz NL (2011) Landscape Ecotoxicology of Coho Salmon Spawner Mortality in Urban Streams. PLoS ONE 6(8): e23424. doi:10.1371/journal.pone.0023424
2011	Forbes, V. E., P. Calow, V. Grimm, T. Hayashi, T. Jager, A. Katholm, A. Palmqvist, R. Pastorok, D. Salvito, R. Sibly, J. A. Spromberg, J. Stark, R. A. Stillman. 2011. Adding value to ecological risk assessment with population modeling. Human and Ecological Risk Assessment.
2011	Ford, M. J., M. B. Hanson, J. A. Hempelmann, K. L. Ayres, C. K. Emmons, G. S. Schorr, R. W. Baird, K. C. Balcomb, S. K. Wasser, K. M. Parsons, and K. Balcomb-Bartok. 2011. Inferred Paternity and Male Reproductive Success in a Killer Whale (*Orcinus orca*) Population. Journal of Heredity 102:537-553.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2011	Francis, T. B., Levin, P. S., & Harvey, C. J. (2011). The perils and promise of futures analysis in marine ecosystem-based management. *Marine Policy* , *35* (5), 675-681.
2011	Francis, T. B., P. S. Levin, C. J. Harvey. 2011. The perils and promise of futures analysis in marine ecosystem-based management. Marine Policy, 35(5):675-681.
2011	Fullerton, A. H., S. T. Lindley, G. R. Pess, B. E. Feist, E. A. Steel, P. McElhany. 2011. Human influence on the spatial structure of threatened Pacific salmon metapopulations. Conservation Biology. doi:10.1111/j.1523-1739.2011.01718.x
2011	Gaydos, J. K., & Pearson, S. F. (2011). BIRDS AND MAMMALS THAT DEPEND ON THE SALISH SEA: A COMPILATION. *Northwestern Naturalist* , *92* (2).
2011	Golovin, D., Krause, A., Gardner, B., Converse, S. J., & Morey, S. (2011, August). Dynamic Resource Allocation in Conservation Planning. In *AAAI* (Vol. 11, pp. 1331-1336).
2011	Hayes, M. C., Rubin, S. P., Reisenbichler, R. R., Goetz, F. A., Jeanes, E., & McBride, A. (2011). Marine habitat use by anadromous bull trout from the Skagit River, Washington. *Marine and Coastal Fisheries* , *3* (1), 394-410.
2011	Horner, R. Development of a Stormwater Retrofit Plan for Water Resources Inventory Area (WRIA) 9 and Estimation of Costs for Retrofitting all Developed Lands of Puget Sound.
2011	Hutyra, L. R., Yoon, B., & Alberti, M. (2011). Terrestrial carbon stocks across a gradient of urbanization: a study of the Seattle, WA region. *Global Change Biology* , *17* (2), 783-797.
2011	Ikonomou, M. G., Teas, H. J., Gerlach, R., Higgs, D., & Addison, R. F. (2011). Residues of PBDEs in northeastern Pacific marine fish: Evidence for spatial and temporal trends. *Environmental Toxicology and Chemistry* , *30* (6), 1261-1271.
2011	Incardona, J., T. K. Collier, N. L. Scholz. 2011. Oil spills and fish health: exposing the heart of the matter. Journal of Exposure Science and Environmental Epidemiology, 21:3-4.
2011	James, C. A., J. Kershner, J. F. Samhouri, S. M. O'Neill, P. S. Levin. 2011. A Hierarchical Approach for Evaluating Water Quality Indicators for Use in Ecosystem-based Management. PLoS ONE, 6(10):e25248. doi:10.1371/journal.pone.0025248
2011	Keil, R., Salemme, K., Forrest, B., Neibauer, J., & Logsdon, M. (2011). Differential presence of anthropogenic compounds dissolved in the marine waters of Puget Sound, WA and Barkley Sound, BC. *Marine pollution bulletin* , *62* (11), 2404-2411
2011	Keister, J. E., & Tuttle, L. B. (2013). Effects of bottom-layer hypoxia on spatial distributions and community structure of mesozooplankton in a sub-estuary of Puget Sound, Washington, USA. *Limnol. Oceanogr* , *58* (2), 667-680.
2011	Kershner, J., J.F. Samhouri, C.A. James, and P.S. Levin. 2011. Selecting indicator portfolios for marine species and food webs: a Puget Sound case study. PLoS One 6(10): e25248.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2011	Kershner, J., Samhouri, J. F., James, C. A., & Levin, P. S. (2011). Selecting indicator portfolios for marine species and food webs: a Puget Sound case study. *PloS one* , *6* (10), e25248.
2011	Khangaonkar, T., & Yang, Z. (2011). A High-Resolution Hydrodynamic Model of Puget Sound to Support Nearshore Restoration Feasibility Analysis and Design. *Ecological Restoration* , *29* (1-2), 173-184.
2011	Khangaonkar, T., Yang, Z., Kim, T., & Roberts, M. (2011). Tidally averaged circulation in Puget Sound sub-basins: comparison of historical data, analytical model, and numerical model. *Estuarine, Coastal and Shelf Science* , *93* (4), 305-319.
2011	Lauber, T. B., Stedman, R. C., Decker, D. J., & Knuth, B. A. (2011). Linking knowledge to action in collaborative conservation. *Conservation Biology* , *25* (6), 1186-1194.
2011	Lee, J. S., B. A. Berejikian, M. B. Rust, K. C. Massee, T. Wright, K. Brakensiek, S. Steltzner, H. L. Blankenship. 2011. Site Fidelity And Movement Of Hatchery-Reared Lingcod In Puget Sound. Environmental Biology of Fishes.
2011	Lipsky, R. S., & Ryan, C. M. (2011). Nearshore Restoration in Puget Sound: Understanding Stakeholder Values and Potential Coalitions. *Coastal Management* , *39* (6), 577-597.
2011	Magirl, C. S., Czuba, C. R., Grossman, E. E., Curran, C. A., Gendaszek, A. S., & Dinicola, R. S. (2011). *Sediment load from major rivers into Puget Sound and its adjacent waters* . US Department of the Interior, US Geological Survey, Washington Water Science Center.
2011	Moore, S. K., Mantua, N. J., & Salathe Jr, E. P. (2011). Past trends and future scenarios for environmental conditions favoring the accumulation of paralytic shellfish toxins in Puget Sound shellfish. *Harmful Algae* , *10* (5), 521-529.
2011	Nelson, T. A., Gillanders, S. N., Harper, J., & Morris, M. (2011). Nearshore aquatic habitat monitoring: a seabed imaging and mapping approach. *Journal of Coastal Research* , *27* (2), 348-355.
2011	Paquet, P. J., Flagg, T., Appleby, A., Barr, J., Blankenship, L., Campton, D., ... & Smith, S. (2011). Hatcheries, conservation, and sustainable fisheries—achieving multiple goals: results of the Hatchery Scientific Review Group's Columbia River basin review. *Fisheries* , *36* (11), 547-561.
2011	Pyke, C., Warren, M. P., Johnson, T., LaGro Jr, J., Scharfenberg, J., Groth, P., ... & Main, E. (2011). Assessment of low impact development for managing stormwater with changing precipitation due to climate change. *Landscape and Urban Planning* , *103* (2), 166-173.
2011	Quinn, T. P., Chamberlin, J., & Brannon, E. L. (2011). Experimental evidence of population-specific marine spatial distributions of Chinook salmon, Oncorhynchus tshawytscha. *Environmental biology of fishes* , *92* (3), 313-322.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2011	Reidy Liermann, C. A., J. D. Olden, T. J. Beechie, M. J. Kennard, P. Skidmore, C. Konrad, H. Imaki. 2011. Hydrogeomorphic classification of Washington State rivers to support emerging environmental flow management strategies. River Research and Applications. doi:10.1002/rra.1541
2011	Reum, J. C., & Essington, T. E. (2011). Season-and depth-dependent variability of a demersal fish assemblage in a large fjord estuary (Puget Sound, Washington). *Fishery Bulletin* , *109* (2).
2011	Rhodes LD, Rice CA, Greene CM, Teel DJ and others (2011) Nearshore ecosystem predictors of a bacterial infection in juvenile Chinook salmon. Mar Ecol Prog Ser 432:161-172
2011	Rice, C. A., Greene, C. M., Moran, P., Teel, D. J., Kuligowski, D. R., Reisenbichler, R. R., ... & Fresh, K. L. (2011). Abundance, stock origin, and length of marked and unmarked juvenile Chinook salmon in the surface waters of greater Puget Sound. *Transactions of the American Fisheries Society* , *140* (1), 170-189.
2011	Rice, C.A., C.M. Greene, P. Moran, D.J. Teel, D.R. Kuligowski, R.R. Reisenbichler, E.M. Beamer, J.R. Karr and K.L. Fresh. 2011. Abundance, Stock Origin, and Length of Marked and Unmarked Juvenile Chinook Salmon in the Surface Waters of Greater Puget Sound. Transactions of the American Fisheries Society 140:170-189.
2011	Roni, P., G. R. Pess, T. J. Beechie, S. A. Morley. 2011. Estimating salmon and steelhead response to watershed restoration: How much restoration is enough? North American Journal of Fisheries Management, 30:1469–1484.
2011	Ryu, J., Leschine, T. M., Nam, J., Chang, W. K., & Dyson, K. (2011). A resilience-based approach for comparing expert preferences across two large-scale coastal management programs. *Journal of environmental management* ,*92* (1), 92-101.
2011	Safford, T. G., & Norman, K. C. (2011). Water water everywhere, but not enough for salmon? Organizing integrated water and fisheries management in Puget Sound. *Journal of environmental management* , *92* (3), 838-847.
2011	Safford, T. G., K. C. Norman. 2011. Planning Salmon Recovery: Applying Sociological Concepts to Spawn New Organizational Insights. Society and Natural Resources, 24(7):751-766.
2011	Safford, T. G., K. C. Norman. 2011. Water Water Everywhere, but Not Enough for Salmon? Organizing Integrated Water and Fisheries Mangement in Puget Sound. Journal of Environmental Management, 92(3):838-847.
2011	Salomon, A., S. Gaichas, O. Jensen, V. N. Agostini, N. A. Sloan, J. Rice, T. McClanahan, R. Fujita, M. H. Ruckelshaus, P. S. Levin, N. K. Dulvy, B. Babcock. 2011. Bridging the Divide Between Fisheries and Marine Conservation Science. Bulletin of Marine Science, 87:251-274.
2011	Samhouri, J. F., P. S. Levin, C. A. James, J. Kershner, G. Williams. 2011. Using Existing Scientific Capacity to Set Targets for Ecosystem-based Management: A Puget Sound Case Study. Marine Policy, 35:508-518. doi:10.1016/j.marpol.2010.12.002

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2011	Sappington, K. G., T. S. Bridges, S. P. Bradbury, R. J. Erickson, A. J. Hendriks, R. P. Lanno, J. P. Meador, D. R. Mount, M. H. Salazar, D. J. Spry. 2011. Application of the Tissue Residue Approach in Ecological Risk Assessment. Integrated Environmental Assessment and Management, 7(1):116-140.
2011	Scholz, N. L., M. S. Myers, S. G. McCarthy, J. S. Labenia, J. K. McIntyre, G. M. Ylitalo, L. D. Rhodes, C. A. Laetz, C. M. Stehr, B. L. French, B. McMillan, D. Wilson, L. Reed, K. D. Lynch, S. Damm, J. W. Davis, T. K. Collier. 2011. Recurrent die-offs of Adult Coho Salmon Returning to Spawn in Puget Sound Lowland Urban Streams. PLoS ONE, 6(12):e28013. doi:10.1371/journal.pone.0028013
2011	Schultz, C. B., Henry, E., Carleton, A., Hicks, T., Thomas, R., Potter, A., ... & Reader, B. (2011). Conservation of prairie-oak butterflies in Oregon, Washington, and British Columbia. *Northwest Science* , *85* (2), 361-388.
2011	Sievanen, L., Leslie, H. M., Wondolleck, J. M., Yaffee, S. L., McLeod, K. L., & Campbell, L. M. (2011). Linking top-down and bottom-up processes through the new US National Ocean Policy. *Conservation Letters* , *4* (4), 298-303.
2011	Smith, A. D., C. J. Brown, C. M. Bulman, E. A. Fulton, P. Johnson, I. C. Kaplan, H. Lozano-Montes, S. Mackinson, M. Marzloff, L. J. Shannon, Y. Shin, J. Tam. 2011. Impacts of fishing low trophic level species on marine ecosystems. Science, 333:1147-1150.
2011	Souza, C. F., Cruz, M. A. S., & Tucci, C. E. M. Adapting a rainfall-runoff model to simulate LID stormwater systems.
2011	Spromberg, J. A., & Scholz, N. L. (2011). Estimating the future decline of wild coho salmon populations resulting from early spawner die-offs in urbanizing watersheds of the Pacific Northwest, USA. *Integrated environmental assessment and management* , *7* (4), 648-656.
2011	Spromberg, J.A., Scholz, N.L. 2011. Estimating the future decline of wild coho salmon populations due to early spawner die-offs in urbanizing watersheds of the Pacific Northwest. Integrated Environmental Management and Assessment 7(4):648-656.
2011	Stanley, A. G., Dunwiddie, P. W., & Kaye, T. N. (2011). Restoring invaded Pacific Northwest prairies: management recommendations from a region-wide experiment. *Northwest Science* , *85* (2), 233-246.
2011	Stock, C. A., M. A. Alexander, N. A. Bond, K. Brander, W. W. Cheung, E. N. Curchitser, T. L. Delworth, J. P. Dunne, S. M. Griffies, M. A. Haltuch, J. A. Hare, A. B. Hollowed, P. Lehodey, S. A. Levin, J. S. Link, K. A. Rose, R. R. Rykaczewski, J. L. Sarmiento, R. J. Stouffer, F. B. Schwing, G. A. Vecchi, F. E. Werner. 2011. On the use of IPCC-class models to assess the impact of climate on living marine resources. Progress in Oceanography, 88(1):1-27. doi:doi:10.1016/j.pocean.2010.09.001

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2011	Sutherland, D. A., MacCready, P., Banas, N. S., & Smedstad, L. F. (2011). A Model Study of the Salish Sea Estuarine Circulation**. *Journal of Physical Oceanography* , *41* (6).
2011	Tabor, R. A., K. L. Fresh, D. B. Hayes, R. M. Piaskowski, H. A. Gearns. 2011. Habitat use of juvenile Chinook salmon in the nearshore areas of Lake Washington: effects of depth, shoreline development, substrate, and vegetation. North American Journal of Fisheries Management, 31:700-713.
2011	Thom, R. M., Haas, E., Evans, N. R., & Williams, G. D. (2011). Lower Columbia River and estuary habitat restoration prioritization framework. *Ecological Restoration* , *29* (1-2), 94-110.
2011	Tipping, J. M. (2011). Effect of juvenile length on Chinook salmon survivals at four hatcheries in Washington State. *North American Journal of Aquaculture* , *73* (2), 164-167.
2011	Wallmo, K., & Lew, D. K. (2011). Valuing improvements to threatened and endangered marine species: an application of stated preference choice experiments. *Journal of environmental management* , *92* (7), 1793-1801.
2011	Welch, D. W., Melnychuk, M. C., Payne, J. C., Rechisky, E. L., Porter, A. D., Jackson, G. D., ... & Semmens, J. (2011). In situ measurement of coastal ocean movements and survival of juvenile Pacific salmon. *Proceedings of the National Academy of Sciences* , *108* (21), 8708-8713
2011	Weston, D. P., A. M. Asbell, S. A. Hecht, N. L. Scholz, M. J. Lydy. 2011. Pyrethroid insecticides in urban salmon streams of the Pacific Northwest. Environmental Pollution. doi:10.1016/j.envpol.2011.04.008
2011	Weston, D. P., Asbell, A. M., Hecht, S. A., Scholz, N. L., & Lydy, M. J. (2011). Pyrethroid insecticides in urban salmon streams of the Pacific Northwest. *Environmental Pollution* , *159* (10), 3051-3056.
2012	Mongillo TM, Holmes EE, Noren DP, VanBlaricom GR and others (2012) Predicted polybrominated diphenyl ether (PBDE) and polychlorinated biphenyl (PCB) accumulation in southern resident killer whales. Mar Ecol Prog Ser 453:263-277
2012	Philip Roni, Todd Bennett, Ranae Holland, George Pess, Karrie Hanson, Raymond Moses, Mike McHenry, William Ehinger & Jason Walter (2012): Factors Affecting Migration Timing, Growth, and Survival of Juvenile Coho Salmon in Two Coastal Washington Watersheds, Transactions of the American Fisheries Society, 141:4, 890-906
2012	Arkema, K. K., J. F. Samhouri. 2012. Linking ecosystem health and services to inform marine ecosystem-based management. In Stephenson, R., J. Annala, J. Runge, M. Hall-Arber. (Eds.) Advancing an Ecosystem Approach in the Gulf of Maine. American Fisheries Society.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2012	Ayres, K. L., R. K. Booth, J. A. Hempelmann, K. L. Koski, C. K. Emmons, R. W. Baird, K. Balcomb-Bartok, M. B. Hanson, M. J. Ford, and S. K. Wasser. 2012. Distinguishing the Impacts of Inadequate Prey and Vessel Traffic on an Endangered Killer Whale (*Orcinus orca*) Population. Plos One 7.
2012	Bassett, C., B. Polagye, M. M. Holt, J. Thomson. 2012. A vessel noise budget for Admiralty Inlet, Puget Sound, WA (USA). Journal of the Acoustical Society of America.
2012	Bassett, C., Polagye, B., Holt, M., & Thomson, J. (2012). A vessel noise budget for Admiralty Inlet, Puget Sound, Washington (USA). *The Journal of the Acoustical Society of America* , *132* (6), 3706-3719.
2012	Beamish, R. J., Sweeting, R. M., Neville, C. M., Lange, K. L., Beacham, T. D., & Preikshot, D. (2012). Wild chinook salmon survive better than hatchery salmon in a period of poor production. *Environmental biology of fishes* , *94* (1), 135-148.
2012	Britton-Simmons, K. H., A. L. Rhoades, R. E. Pacunski, A. W. E. Galloway, A. T. Lowe, E. A. Sosik, M. N. Dethier, and D. O. Duggins. 2012. Habitat and bathymetry influence the landscape-scale distribution and abundance of drift macrophytes and associated invertebrates. Limnology and Oceanography 57:176-184.
2012	Britton-Simmons, K. H., Rhoades, A. L., Pacunski, R. E., Galloway, A. W., Lowe, A. T., Sosik, E. A., ... & Duggins, D. O. (2012). Habitat and bathymetry influence the landscape-scale distribution and abundance of drift macrophytes and associated invertebrates. *Limnology and Oceanography* , *57* (1), 176.
2012	Burg, T. M., Trites, A. W., & Smith, M. J. (1999). Mitochondrial and microsatellite DNA analyses of harbour seal population structure in the northeast Pacific Ocean. *Canadian Journal of Zoology* , *77* (6), 930-943.
2012	Canty, D., Martinsons, A., & Kumar, A. (2012). Losing ground: Farmland protection in the Puget Sound region. *Report, American Farmland Trust, Seattle, WA* .
2012	Chan, K. M., Guerry, A. D., Balvanera, P., Klain, S., Satterfield, T., Basurto, X., ... & Woodside, U. (2012). Where are cultural and social in ecosystem services? A framework for constructive engagement. *BioScience* , *62* (8), 744-756.
2012	Choong-Ki Kim, Matthew Marsik, Michael Papenfus, Jodie E. Toft, Gregory Verutes, Spencer A. Wood, Michael Beck, Francis Chan, Kai M.A. Chan, Guy Gelfenbaum, Barry D. Gold, Benjamin S. Halpern, William B. Labiosa, Sarah E. Lester, Phil S. Levin, Melanie McField, Malin L. Pinsky, Mark Plummer, Stephen Polasky, Peter Ruggiero, David A. Sutherland, Heather Tallis, Andrew Day & Jennifer Spencer (2012): Modeling benefits from nature: using ecosystem services to inform coastal and marine spatial planning, International Journal of Biodiversity Science, Ecosystem Services & Management, DOI:10.1080/21513732.2011.647835

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2012	Dethier, M. N., J. Ruesink, H. Berry, and A. G. Sprenger. 2012. Decoupling of recruitment from adult clam assemblages along an estuarine shoreline. Journal of Experimental Marine Biology and Ecology 422:48-54.
2012	Dethier, M. N., Ruesink, J., Berry, H., & Sprenger, A. G. (2012). Decoupling of recruitment from adult clam assemblages along an estuarine shoreline. *Journal of Experimental Marine Biology and Ecology* , *422* , 48-54.
2012	DiBacco, C., Humphrey, D. B., Nasmith, L. E., & Levings, C. D. (2012). Ballast water transport of non-indigenous zooplankton to Canadian ports. *ICES Journal of Marine Science: Journal du Conseil* , *69* (3), 483-491.
2012	Elahi, R., and K. P. Sebens. 2012. A consumer one-two punch: facilitation and functional diversity prevent reversals in community state. Integrative and Comparative Biology 52:E53-E53.
2012	Elahi, R., and K. P. Sebens. 2012. Consumers mediate natural variation between prey richness and resource use in a benthic marine community. Marine Ecology-Progress Series 452:131-143.
2012	Fresh, K. L., M. N. Dethier, C. A. Simenstad, M. G. Logsdon, H. Shipman, C. D. Tanner, T. M. Leschine, T. F. Mumford, G. Gelfenbaum, R. Shuman, J. A. Newton. 2012. Degradation of Nearshore Ecosystems in Puget Sound: Challenges for Restoration. Report to PSNERP Technical, PSNERP Technical Report 2011-03, 29 pages.
2012	Hard, C. H., Hoelting, K. R., Christie, P., & Pollnac, R. B. (2012). Collaboration, legitimacy, and awareness in Puget sound MPAs. *Coastal Management* , *40* (3), 312-326.
2012	Harvey, C. J., G. D. Williams, P. S. Levin. 2012. Food web structure and trophic controls in central Puget Sound. Estuaries and Coasts, 35:821-838. doi:10.1007/s12237-012-9483-1
2012	Harvey, C. J., Williams, G. D., & Levin, P. S. (2012). Food web structure and trophic control in central Puget Sound. *Estuaries and coasts* , *35* (3), 821-838.
2012	James, C. A., Kershner, J., Samhouri, J., O'Neill, S., & Levin, P. S. (2012). A methodology for evaluating and ranking water quantity indicators in support of ecosystem-based management. *Environmental management* , *49* (3), 703-719.
2012	Khangaonkar, T., Sackmann, B., Long, W., Mohamedali, T., & Roberts, M. (2012). Simulation of annual biogeochemical cycles of nutrient balance, phytoplankton bloom (s), and DO in Puget Sound using an unstructured grid model. *Ocean Dynamics* , *62* (9), 1353-1379.
2012	Lance, M. M., Chang, W. Y., Jeffries, S. J., Pearson, S. F., & Acevedo-Gutiérrez, A. (2012). Harbor seal diet in northern Puget Sound: Implications for the recovery of depressed fish stocks. *Marine Ecology Progress Series* , *464* , 257-271.
2012	Levin, P. S., Horne, P., Andrews, K. S., & Williams, G. (2012). An empirical movement model for sixgill sharks in Puget Sound: Combining observed and unobserved behavior. *Current Zoology* , *58* (1).

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2012	Lindborg, V. A., Ledbetter, J. F., Walat, J. M., & Moffett, C. (2012). Plastic consumption and diet of Glaucous-winged Gulls (< i> Larus glaucescens</i>). *Marine pollution bulletin* , *64* (11), 2351-2356.
2012	Miller, S. L., Raphael, M. G., Falxa, G. A., Strong, C., Baldwin, J., Bloxton, T., ... & Young, R. D. (2012). Recent population decline of the Marbled Murrelet in the Pacific Northwest. *The Condor* , *114* (4), 771-781.
2012	Moore, D. R., & Teed, R. S. (2011, August). Risks of Pesticide Mixtures to Salmon in the Pacific Northwest. In *ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY* (Vol. 242). 1155 16TH ST, NW, WASHINGTON, DC 20036 USA: AMER CHEMICAL SOC.
2012	Moore, M. E., B. A. Berejikian, E. P. Tezak. 2012. Variation in the early marine survival and behavior of natural and hatchery-reared Hood Canal steelhead. PLoS ONE.
2012	Moriarty, P. E., Andrews, K. S., Harvey, C. J., & Kawase, M. (2012). Vertical and horizontal movement patterns of scyphozoan jellyfish in a fjord-like estuary. *Marine Ecology Progress Series* , *455* , 1-12.
2012	Morley, S. A., J. D. Toft, K. Hanson. 2012. Ecological effects of shoreline armoring on intertidal habitats of a Puget Sound urban estuary. Estuaries and Coasts, 35(3):774-784. doi:10.1007/s12237-012-9481-3
2012	Morley, S. A., Toft, J. D., & Hanson, K. M. (2012). Ecological effects of shoreline armoring on intertidal habitats of a Puget Sound urban estuary. *Estuaries and coasts* , *35* (3), 774-784.
2012	Peterman, R. M., & Dorner, B. (2012). A widespread decrease in productivity of sockeye salmon (Oncorhynchus nerka) populations in western North America. *Canadian Journal of Fisheries and Aquatic Sciences* , *69* (8), 1255-1260.
2012	Peterson, S. H., Lance, M. M., Jeffries, S. J., & Acevedo-Gutiérrez, A. (2012). Long distance movements and disjunct spatial use of harbor seals (Phoca vitulina) in the inland waters of the Pacific Northwest. *PloS one* , *7* (6), e39046.
2012	Plummer, M., C. J. Harvey, L. E. Anderson, A. Guerry, M. H. Ruckelshaus. 2012. The role of eelgrass in marine community interactions and ecosystem services: Results from ecosystem-scale food web models. Ecosystems, 38.
2012	Porder, S., Lipson, D., & Harrison, R. (2012). Carbon Stock Changes in Soil and Aboveground Biomass from House Lot Development in King County, Washington, USA. *Open Journal of Forestry* , *2* , 1.
2012	Quinn, T., Krueger, K., Pierce, K., Penttila, D., Perry, K., Hicks, T., & Lowry, D. (2012). Patterns of surf smelt, Hypomesus pretiosus, intertidal spawning habitat use in Puget Sound, Washington State. *Estuaries and coasts* , *35* (5), 1214-1228.
2012	Samhouri, J. F., & Levin, P. S. (2012). Linking land-and sea-based activities to risk in coastal ecosystems. *Biological Conservation* , *145* (1), 118-129.
2012	Samhouri, J. F., P. S. Levin. 2012. Linking land- and sea-based activities to risk in coastal ecosystems. Biological Conservation. Biological Conservation, 145:118-129. doi:10.1016/j.biocon.2011.10.021

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2012	Samhouri, J. F., S. E. Lester, E. R. Selig, B. S. Halpern, M. J. Fogarty, C. Longo, K. L. McLeod. 2012. Sea sick? Setting targets to assess ocean health and ecosystem services. Ecosphere, 3(5):41. doi:http://dx.doi.org/10.1890/ES11-00366.1
2012	Shaffer, J. A., Crain, P., Kassler, T., Penttila, D., & Barry, D. (2012). Geomorphic habitat type, drift cell, forage fish, and juvenile salmon: are they linked. *Journal of Environmental Science and Engineering* , *1* , 2162-5298.
2012	Steel, E. A., A. E. Tillotson, D. A. Larsen, A. H. Fullerton, K. P. Denton, B. R. Beckman. 2012. Beyond the mean: The role of variability in predicting ecological effects of stream temperature on salmon. Ecosphere, 3(11):Article 104.
2012	Stevens, A. W., & Lacy, J. R. (2012). The influence of wave energy and sediment transport on seagrass distribution. *Estuaries and coasts* , *35* (1), 92-108.
2012	Tallmon, D.A, R.S. Waples, D. Gregovich, and M.K. Schwartz. 2012. Detecting population recovery using gametic disequilibrium-based effective population size estimates. Conservation Genetics Resources 4:987-989 (DOI 10.1007/s12686-012-9689-3).
2012	Thom, R. M., Diefenderfer, H. L., Vavrinec, J., & Borde, A. B. (2012). Restoring resiliency: case studies from Pacific Northwest estuarine eelgrass (Zostera marina L.) ecosystems. *Estuaries and coasts* , *35* (1), 78-91.
2012	VanBlaricom, G. R., A. W. E. Galloway, K. McPeek, J. L. Price, J. R. Cordell, M. N. Dethier, D. A. Armstrong, and P. S. McDonald. 2012. Effects of predator exclusion structures as agents of ecological disturbance to infaunal communities in geoduck clam aquaculture plots in southern Puget Sound, Washington, USA. Journal of Shellfish Research 31:355-355.
2012	Walters, A. W., D. M. Holzer, J. R. Faulkner, C. Warren, P. D. Murphy, M. M. McClure. 2012. Quantifying cumulative entrainment impacts for Chinook salmon (Oncorhynchus tshawytscha) in heavily irrigated watershed.
2012	Waples, R. S., K. Hindar, J. J. Hard. 2012. Genetic risks associated with marine aquaculture. U.S. Dept. of Commerce, NOAA Tech. Memo., NMFS-NWFSC-119, 149 p.
2012	Ward, E., G. R. Pess, K. Anlauf-Dunn, C. E. Jordan. 2012. Applying time series models with spatial correlation to identify the scale of variation in habitat metrics related to threatened coho salmon (Oncorhynchus kisutch) in the Pacific Northwest. Canadian Journal of Fisheries and Aquatic Sciences.
2012	Weitkamp, L. 2012. Marine distributions of coho and Chinook salmon inferred from coded wire tag recoveries. Am. Fish. Soc. Symp. 76:191-214.
2013	Anderson, L. E., S. T. Lee, P. S. Levin. 2013. Costs of Delaying Conservation: Regulations and the Recreational Values of Rockfish and Co-occurring Species. Land Economics, 89(2):371-385.
2013	Anderson, L. E., S. T. Lee. 2013. Untangling the Recreational Value of Wild and Hatchery Salmon. Marine Resource Economics, 28(2):175-197.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2013	Andrews, K. S., & Harvey, C. J. (2013). Ecosystem-level consequences of movement: seasonal variation in the trophic impact of a top predator. *Marine Ecology Progress Series* , *473* , 247-260.
2013	Andrews, K. S., C. J. Harvey. 2013. Ecosystem-level consequences of movement: seasonal variation in the trophic impact of a top predator. Marine Ecology Progress Series, 473:247-260. doi:10.3354/meps10095
2013	Beaudreau, A. H., & Levin, P. S. (2013). Advancing the use of local ecological knowledge for assessing data-poor species in coastal ecosystems. *Ecological Applications* .
2013	Burke, B. J., W. T. Peterson, B. R. Beckman, C. A. Morgan, E. A. Daly, M. Litz. 2013. Multivariate Models of Adult Pacific Salmon Returns. PLoS ONE, 8(1):e54134. doi:10.1371/journal.pone.0054134
2013	Carey, M. P., Levin, P. S., Townsend, H., Minello, T. J., Sutton, G. R., Francis, T. B., ... & Ruckelshaus, M. (2013). Characterizing coastal foodwebs with qualitative links to bridge the gap between the theory and the practice of ecosystem-based management. *ICES Journal of Marine Science: Journal du Conseil* , fst012.
2013	Carey, M. P., P. S. Levin, H. M. Townsend, T. J. Minello, G. R. Sutton, T. Francis, C. J. Harvey, J. E. Toft, K. K. Arkema, J. Burke, C. Kim, A. Guerry, M. Plummer, G. Spiridonov, M. H. Ruckelshaus. 2013. Characterizing coastal food webs with qualitative links to bridge the gap between the theory and practice of ecosystem-based management.
2013	Chittaro, P. M., R. W. Zabel, W. A. Palsson, C. Grandin. 2013. Population interconnectivity and implications for recovery of a species of concern, the Pacific hake of Georgia Basin. Marine Biology, 160:1157-1170. doi:http://dx.doi.org/10.1007/s00227-013-2168-x
2013	Coronado, C., & Hilborn, R. (1998). Spatial and temporal factors affecting survival in coho salmon (Oncorhynchus kisutch) in the Pacific Northwest. *Canadian Journal of Fisheries and Aquatic Sciences* , *55* (9), 2067-2077.
2013	Elahi, R., Birkeland, C., Sebens, K. P., Turner, K. R., & Dwyer, T. R. (2013). Limited change in the diversity and structure of subtidal communities over four decades. *Marine biology* , *160* (12), 3209-3219.
2013	Ford, M. J. (2013). Status review update of Southern Resident killer whales.
2013	Foster, S. (2013). Socio-Economic Baseline of the Howe Sound Area.
2013	Frame, E. R., K. A. Lefebvre. 2013. ELISA methods for domoic acid quantification in multiple marine mammal species and sample matrices. U.S. Dept. of Commerce, NOAA Tech. Memo., NMFS-NWFSC-122, 20 p.
2013	Greig, D. J., E. A. McHuron, K. Colegrove, M. Fleetwood, T. R. Spraker, F. M. Gulland, J. T. Harvey, K. A. Lefebvre, E. R. Frame. 2013. Domoic acid exposure, clinical signs, and histopathology in Pacific harbor seals (Phoca vitulina richardii). Harmful Algae.
2013	Guerry, A. D., M. Plummer, M. H. Ruckelshaus, D. S. Holland. 2013. Chapter 333: Modeling Marine Ecosystem Services.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2013	Guy, T. J., S. L. Jennings, R. M. Suryan, E. F. Melvin, M. A. Bellman, L. T. Ballance, B. A. Blackie, D. A. Croll, T. Deguchi, T. O. Geernaert, R. W. Henry, M. Hester, K. D. Hyrenbach, J. Jahncke, K. Ozaki, J. Roletto, F. Sato, S. A. Shaffer, W. J. Sydeman, J. E. Zamon. 2013. Spatial overlap of North Pacific albatrosses with the U.S. west coast groundfish and shrimp fisheries. Fisheries Research, 44.
2013	Hershberger, P., Rhodes, L., Kurath, G., & Winton, J. (2013). Infectious Diseases of Fishes in the Salish Sea. *Fisheries* , *38* (9), 402-409.
2013	Hoelting, K. R., Hard, C. H., Christie, P., & Pollnac, R. B. (2013). Factors affecting support for Puget Sound Marine Protected Areas. *Fisheries Research* , *144* , 48-59.
2013	Khangaonkar, T., & Wang, T. (2013). Potential alteration of fjordal circulation due to a large floating structure—Numerical investigation with application to Hood Canal basin in Puget Sound. *Applied Ocean Research* , *39* , 146-157.
2013	Kreitler, J., Papenfus, M., Byrd, K., & Labiosa, W. (2013). Interacting coastal based ecosystem services: recreation and water quality in Puget Sound, WA. *PloS one* , *8* (2), e56670.
2013	Kroeker, K. J., Kordas, R. L., Crim, R., Hendriks, I. E., Ramajo, L., Singh, G. S., ... & Gattuso, J. P. (2013). Impacts of ocean acidification on marine organisms: quantifying sensitivities and interaction with warming. *Global change biology* , *19* (6), 1884-1896.
2013	Laetz, C. A., D. H. Baldwin, V. Hebert, J. D. Stark, N. L. Scholz. 2013. The interactive neurobehavioral toxicity of diazinon, malathion, and ethoprop to juvenile coho salmon. Environmental Science & Technology, 47(6):2925-2931. doi:10.1021/es305058y
2013	Levin, P. S., Kelble, C. R., Shuford, R. L., Ainsworth, C., Dunsmore, R., Fogarty, M. J., ... & Werner, F. (2013). Guidance for implementation of integrated ecosystem assessments: a US perspective. *ICES Journal of Marine Science: Journal du Conseil* , fst112.
2013	Matso, K. E., & Becker, M. L. (2013). Funding Science that Links to Decisions: Case Studies Involving Coastal Land Use Planning Projects. *Estuaries and Coasts* , 1-15.
2013	Miller, J. A., D. J. Teel, A. M. Baptista, C. A. Morgan. 2013. Disentangling bottom-up and top-down effects on survival during early ocean residence in a population of Chinook salmon (Oncorhynchus tshawytscha). Canadian Journal of Fisheries and Aquatic Sciences, 70:617- 629.
2013	Moore, M., Berejikian, B. A., & Tezak, E. P. (2013). A floating bridge disrupts seaward migration and increases mortality of steelhead smolts in Hood Canal, Washington State. *PloS one* , *8* (9), e73427.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
2013	Rohde, J. A. (2013). *Partial Migration of Puget Sound Coho Salmon (Oncorhynchus kisutch) Individual and Population Level Patterns* (Doctoral dissertation, University of Washington).
2013	Samhouri, J. F., Haupt, A. J., Levin, P. S., Link, J. S., & Shuford, R. (2013). Lessons learned from developing integrated ecosystem assessments to inform marine ecosystem-based management in the USA. *ICES Journal of Marine Science: Journal du Conseil* , fst141.
2013	Scholz, N. L., Myers, M. S., McCarthy, S. G., Labenia, J. S., McIntyre, J. K., Ylitalo, G. M., ... & Collier, T. K. (2011). Recurrent die-offs of adult coho salmon returning to spawn in Puget Sound lowland urban streams. *PloS one* , *6* (12), e28013.
2013	Strom, P., Bucci, J., & Ruckelshaus, M. Estuarine organic matter subsidizes shellfish beds in Puget Sound, WA.
2013	Van Doornik, D. M., D. L. Eddy, R. S. Waples, S. J. Boe, E. A. Berntson, P. Moran. 2013. Genetic monitoring of threatened Chinook salmon populations: Estimating introgression of non-native hatchery stocks and temporal change. North American Journal of Fisheries Management, 33:693-706. doi:10.1080/02755947.2013.790861
2013	Williams, R., Krkošek, M., Ashe, E., Branch, T. A., Clark, S., Hammond, P. S., ... & Winship, A. (2011). Competing conservation objectives for predators and prey: Estimating killer whale prey requirements for Chinook salmon. *PloS one* , *6* (11), e26738.
2013	Yang, Z., & Wang, T. (2013). Modeling the effects of tidal energy extraction on estuarine hydrodynamics in a stratified estuary. *Estuaries and Coasts* , 1-16.
2013	Z Daniel, D., Thomas, J., Tao, F., Huiying, R., Jayson, J., Joshua, R., ... & Andrea, E. (2013). Design and Implementation of a Marine Animal Alert System to Support Marine Renewable Energy. *Marine Technology Society Journal* , *47* (4), 113-121.
In press	Baskett, M. L., S. C. Burgess, R. S. Waples. (in press). Assessing strategies to minimize unintended fitness consequences of aquaculture on wild populations. Evolutionary Applications.
In press	Burke, B. J., M. Liermann, D. J. Teel, J. J. Anderson. In press. Environmental and geospatial factors drive juvenile Chinook salmon distribution during early ocean migration. Canadian Journal of Fisheries and Aquatic Sciences.
In press	Busch, D. S., C. M. Greene, T. P. Good. In press. Estimating impacts of tidal power and climate change on threatened and endangered marine species and their food web. Conservation Biology.
In press	Busch, D. S., P. McElhany, M. H. Ruckelshaus, D. A. Boughton, T. Cooney, P. W. Lawson, S. Lindley, M. M. McClure, N. J. Sands, B. C. Spence, T. C. Wainwright, T. H. Williams. In press. A Practical Comparison of Viability Models Used for Management of Endangered and Threatened Anadromous Pacific Salmonids. North American Journal of Fisheries Management.

APPENDIX F: Scientific papers and reports published since 2011 of relevance to Puget Sound recovery

Year Published	Citation
In press	Johnson, L. L., B. F. Anulacion, M. R. Arkoosh, D. G. Burrows, D. A. da Silva, J. P. Dietrich, M. S. Myers, J. A. Spromberg, G. M. Ylitalo. In press. Effects of legacy persistent organic pollutants (POPs) in fish. In Tierney, K. B. (Ed.) Organic Chemical Toxicology of Fishes.
In press	Moore, M. E., B. A. Berejikian, E. P. Tezak. In press. A floating bridge disrupts seaward migration and increases mortality of steelhead smolts in Hood Canal, Washington State. PLoS ONE.
In press	Paquin, M. M., A. N. Kagley, K. L. Fresh, J. W. Orr. In press. First Records of Night Smelt, Spirinchus starski, in the Salish Sea, Washington. Northwestern Naturalist.
In press	Pess, G. R., T. P. Quinn, S. R. Gephard, R. Saunders. In press. Re-colonization of Atlantic and Pacific rivers by anadromous fishes: Linkages between life history and the benefits of barrier removal. Reviews in Fish Biology and Fisheries.
In press	Thorson, J. T., C. Minto, C. Minte-Vera, K. Kleisner, K. Longo. In press. A new role for effort dynamics in the theory of harvested populations and data-poor stock assessment. Canadian Journal of Fisheries and Aquatic Sciences.